

UCL Course on RL

Advanced Topics 2015
(COMPM050/COMPGI13)

Reinforcement Learning

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Video-lectures available [here](#)

Lecture 1: [Introduction to Reinforcement Learning](#)

Lecture 2: [Markov Decision Processes](#)

Lecture 3: [Planning by Dynamic Programming](#)

Lecture 4: [Model-Free Prediction](#)

Lecture 5: [Model-Free Control](#)

Lecture 6: [Value Function Approximation](#)

Lecture 7: [Policy Gradient Methods](#)

Lecture 8: [Integrating Learning and Planning](#)

Lecture 9: [Exploration and Exploitation](#)

Lecture 10: [Case Study: RL in Classic Games](#)

[Easy21](#) assignment

Discussion and
announcements: [http://groups.google.com
/group/csml-advanced-topics](http://groups.google.com/group/csml-advanced-topics)

Previous RL exam [questions](#) and [answers](#)

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